

L-iduronidase

Cat. No. EXWM-3940

Lot. No. (See product label)

Introduction

Description Iduronidase (EC 3.2.1.76, L-iduronidase, alpha-L-iduronidase, laronidase) is an enzyme with the systematic name glycosaminoglycan alpha-L-iduronohydrolase. This enzyme catalyses the hydrolysis of unsulfated alpha-L-iduronosidic linkages in dermatan sulfate. It is a glycoprotein enzyme found in the lysosomes of cells. It is involved in the degeneration of glycosaminoglycans such as dermatan sulfate and heparan sulfate. The enzyme acts by hydrolyzing the terminal alpha-L-iduronic acid residues of these molecules, degrading them. The protein is reported as having a mass of approximately 83 kilodaltons.

Synonyms α-L-iduronidase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.2.1.76

CAS No. 9073-56-7

Reaction Hydrolysis of unsulfated α-L-iduronosidic linkages in dermatan sulfate

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.